



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

NOTICE OF ACCEPTANCE (NOA)

Sunesta Products
11320 Distribution Avenue East
Jacksonville, Florida 32256

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Sunesta Retractable Awning

APPROVAL DOCUMENT: Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated October 17, 2013, signed and sealed by Scott Wolters, P.E., on June 12, 2015, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each awning shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA #13-1104.18 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.



Helmy A. Makar
02/25/2016

NOA No. 15-0612.03
Expiration Date: 06/12/2019
Approval Date: 02/25/2016
Page 1

Sunesta Products

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 13-1104.18

A. DRAWINGS

1. *Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated 10/17/2013, signed and sealed by Scott Wolters, P.E., on 05/20/2014.*

B. TESTS

1. *Test Report # D0519.01-450-18, per Custom Dry Dynamic Wind Test, prepared by Architectural Testing, dated 10/24/13 revised on 03/19/14, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Calculations titled "Sunesta Retractable Awnings", prepared by Wolters Engineering, 4 pages, dated October 22, 2013, signed and sealed by Scott Wolters, P.E., on 10/22/2013.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. SUN-01, titled "Sunesta Retractable Awning", prepared by Wolters Engineering, dated October 17, 2013, signed and sealed by Scott Wolters, P.E., on June 12, 2015.*

B. TESTS

1. *None.*

C. CALCULATIONS

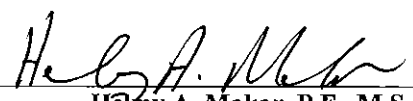
1. *None.*

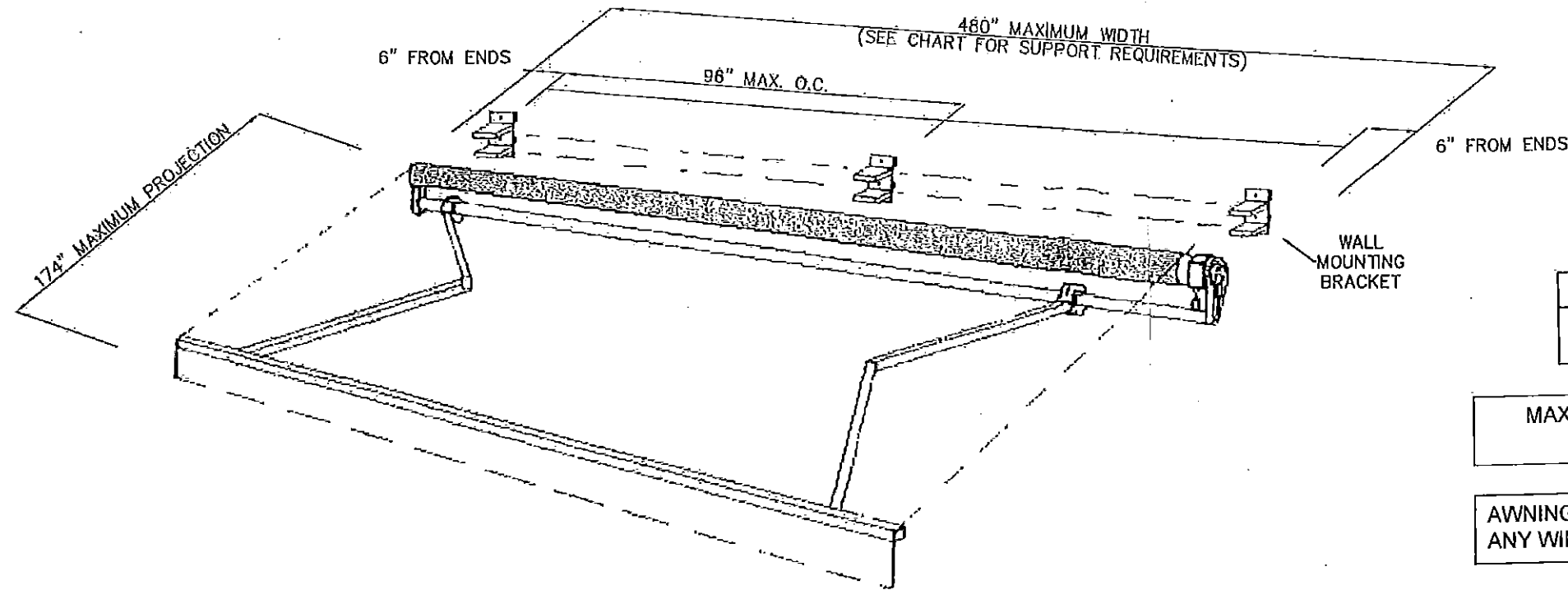
D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

E. MATERIAL CERTIFICATIONS

1. *None.*


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 15-0612.03
Expiration Date: 06/12/2019
Approval Date: 02/25/2016



STANDARD ELEVATION

MAXIMUM DESIGN PRESSURE	
OPEN:	5.8 PSF (45 MPH WINDSPEED)
CLOSED:	49.5 PSF (175 MPH WINDSPEED)

MAXIMUM AWNING HEIGHT = 25.0 FT ABOVE GRADE
EXPOSURE D AND RISK CATEGORY II

AWNING MUST BE RETRACTED TO CLOSED POSITION FOR
ANY WIND EVENT WITH WINDSPEEDS EXCEEDING 45 MPH.

AWNING FRAME SUPPORT REQUIREMENTS		
AWNING WIDTH	RETRACTABLE SUPPORT ARMS REQUIRED	WALL MOUNTING BRACKETS REQUIRED
UP TO 9 FT	2	2
UP TO 16 FT	2	3
UP TO 18 FT	2	4
UP TO 21 FT	2	5
UP TO 26 FT	3	6
UP TO 32 FT	4	8
UP TO 40 FT	4	9

GENERAL NOTES:

1. THIS SYSTEM HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE 5TH EDITION (2014) FLORIDA BUILDING CODE. THIS SYSTEM IS NOT A PART OF THE BUILDING ENVELOPE, IMPACT RESISTANCE IS NOT REQUIRED.
2. THE AWNING MUST BE FULLY RETRACTED FOR ANY WIND EVENT WITH WINDSPEEDS EXCEEDING 45 MPH.
3. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE PROJECT PRESSURE CANNOT EXCEED THE DESIGN PRESSURE LISTED ABOVE.
4. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
5. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
6. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. $C_d=1.6$ WAS USED FOR WOOD SCREWS ONLY.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0612.03
Expiration Date 06/12/2019
By *[Signature]*
Miami Design Product Control

SUNESTA RETRACTABLE AWNING

SUNESTA PRODUCTS, LLC.
11320 DISTRIBUTION AVE EAST
JACKSONVILLE, FL 32256

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FAX: (904) 260-4499
www.sunesta.com

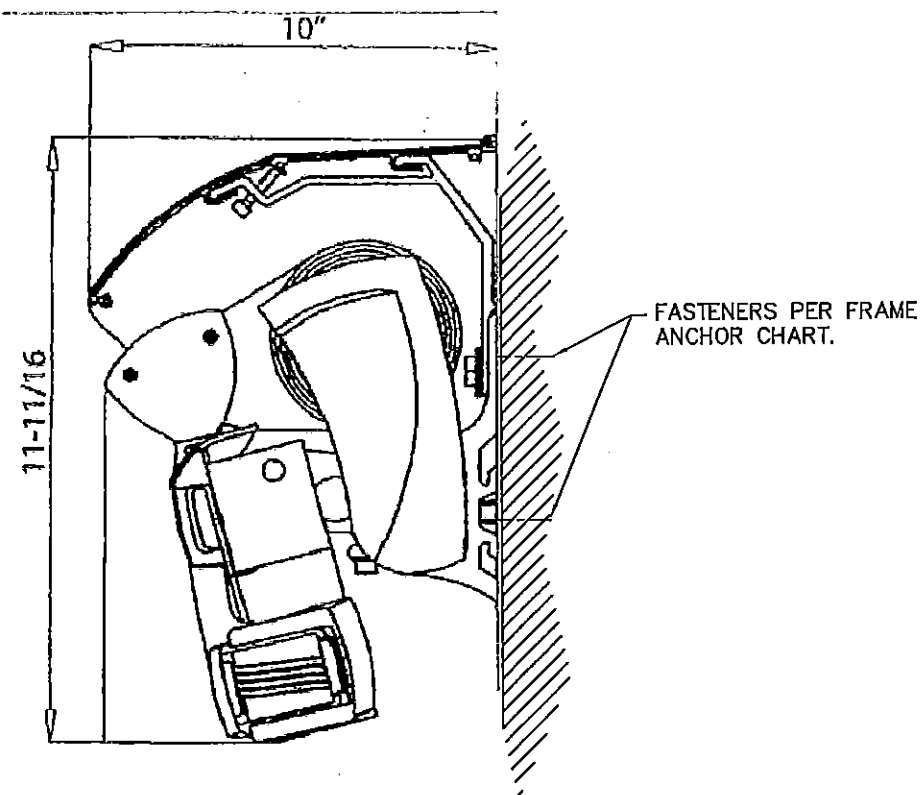
JUN 12 2015

SCOTT WOLTERS
FL PER 62354
WOLTERS ENGINEERING
(COA# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

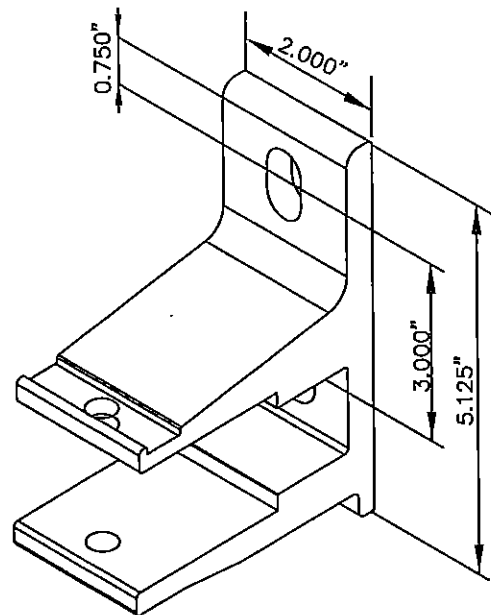
DWG: SUN-1
SHEET: 1/3

REV. # DATE
10/17/13

NOTE: ALL ELECTRICAL PARTS AND CONNECTIONS/INSTALLATIONS ARE NOT PART OF THIS N.O.A. AND THEY SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT FOR EACH JOB.



VERTICAL WALL
ATTACHMENT
(WITH OPTIONAL MOTOR AND HOOD)



WALL MOUNTING
BRACKET

FRAME ANCHOR CHART					
BRACKET TYPE	SUBSTRATE	FASTENER TYPE	SPACING (MIN)	EMBEDMENT (MIN)	EDGE DISTANCE (MIN)
WALL MOUNTED BRACKET	WOOD (S.G. = 0.5 MIN)	(2) 5/16" HH LAG SCREW (SAE GR. 2 MIN)	3"	3"	1 1/4"
	CONCRETE (3000 PSI MIN)	(2) 5/16" DIA. E.L.CO ULTRACON	5"	1 3/4"	2 1/4"
	GROUT FILLED CMU (ASTM C90 MIN)	(2) 5/16" DIA. E.L.CO ULTRACON	5"	2 1/4"	3 1/8"
	STEEL (36 KSI, 1/8" MIN)	(2) 5/16" DIA. DRL-FLEX OR F-TYPE SELF TAPPING SCREW	2"	FULL	3/4"

FASTENER NOTES:

1. ALL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
2. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, SECTION 2003.8.4.
3. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.

BRACKET NOTES:

1. ALL BRACKETS ARE MADE FROM EXTRUDED ALUMINUM ALLOY 6063 T-6 WITH POWDER COAT FINISH.
2. THE FASTENERS CONNECTING THE PITCHED ROOF BRACKET ARE 300 SERIES STAINLESS STEEL.
3. ALL ANCHORS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
4. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, SECTION 2003.8.4.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0612.03
Expiration Date 06/12/2019
By Healy A. H. H.
Miami Dade Product Control

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SUNESTA RETRACTABLE AWNING

PH: (904) 268-8000
FAX: (904) 260-4499
www.sunesta.com

SUNESTA PRODUCTS, LLC.
11320 DISTRIBUTION AVE EAST
JACKSONVILLE, FL 32256

SEAL: [Signature]

SCOTT WOLTERS
FL PE# 62354

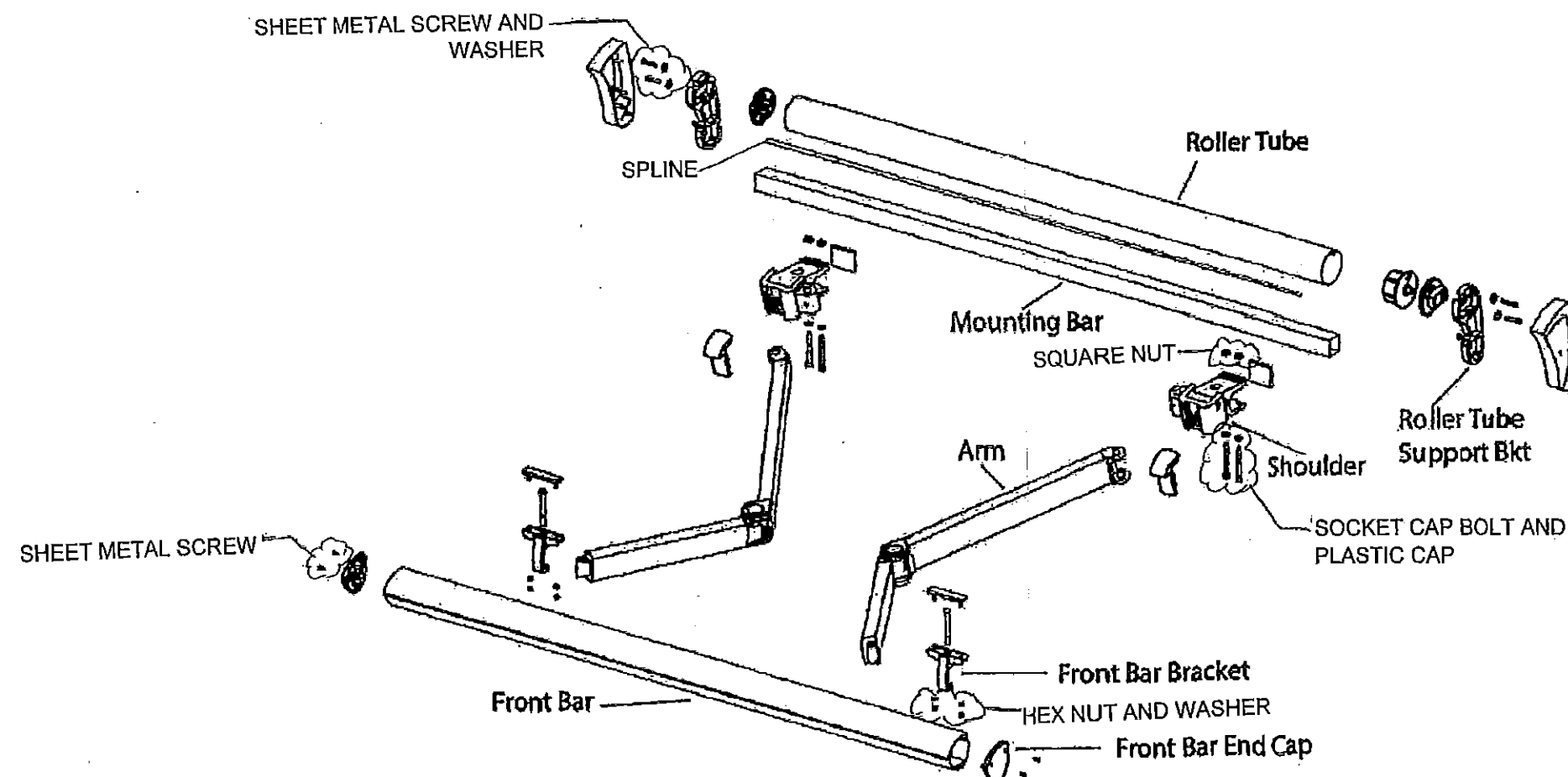
WOLTERS ENGINEERING
(COA# 27184)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1882

JUN 12 2015

DWG: SUN-1
SHEET: 2/3

PARTS LIST

PART	DESCRIPTION
AWNING	8.6 OZ 100% WOVEN ACRYLIC FABRIC.
MOUNTING BRACKET	A356 EXTRUDED ALUMINUM ALLOY 6063-T6
MOUNTING BAR	1 9/16" x 1 9/16" x 1/16" POWDER COATED STEEL SQUARE TUBE, 204" LONG, GRADE 33
ROLLER TUBE	3 3/8" DIA 20 Ga. GALVANIZED STEEL ROUND TUBE, 204" LONG, GRADE 33 - ASTM A-653 G90
ROLLER TUBE SUPPORT	HIGH STRENGTH TECHNICALLY IMPROVED PLASTIC WITH STEEL BEARING PINS
SHOULDER	HIGH STRENGTH DROP-FORGED ALUMINUM ALLOY 6063-T6
ARM	EXTRUDED ALUMINUM ALLOY 6063-T-6 WITH INTERNAL SPRINGS AND TENDONS IN BRONZE BUSHINGS, 174" MAX PROJECTION.
FRONT BAR BRACKET	HIGH STRENGTH DROP-FORGED ALUMINUM ALLOY 6063-T6
FRONT BAR	EXTRUDED ALUMINUM ALLOY 6063-T6, 204" WIDE
SOCKET CAP BOLT	300 SERIES STAINLESS STEEL 2-1/2" X 1/4"-20 SOCKET CAP BOLT (ALLEN HEAD)
SQUARE NUT	300 SERIES STAINLESS STEEL 1/4" X 1/4"-20 SQUARE NUT
HEX BOLT	300 SERIES STAINLESS STEEL 1-3/4" X 3/8"-18 HEX BOLT
HEX NUT	300 SERIES STAINLESS STEEL 3/8" X 3/8"-18 HEX NUT
WASHER	300 SERIES STAINLESS STEEL FOR 1/4" AND 3/8" BOLTS; 1-1/4" OD
SHEET METAL SCREW	300 SERIES STAINLESS STEEL 3/16" X 1" SHEET METAL, SELF-DRILLING SCREW
SEALING WASHER	300 SERIES STAINLESS STEEL WASHER 3/16" ID - 5/8" OD BONDED TO NEOPRENE




PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 15-0612-03
Expiration Date 06/12/2019
By Heidi A. Nelson
Miami Dade Product Control

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JUN 19 2015

DWG: SUN-1
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